3Com U.S. Robotics® Cable Modem CMX
Quick Installation Guide

What You Need to Install Your Cable Modem CMX

Included:

- Cable modem
- Cable modem power supply
- RJ-45 network cable
- Rubber feet and stacking clips kit
- Cable *Connections*™ CD-ROM
- This *Quick Installation Guide*
- *User's Guide & Reference*

Not Included:

- A PC running Windows® 95 (or later) or a Macintosh® running System 7.5 (or later) with TCP/IP protocol installed (see the "Before You Begin" section in the included *User's Guide & Reference* for more information about installing TCP/IP)
- An active two-way cable line
- An active Ethernet port or network interface card (NIC) installed in your computer
- A 7/16 inch (or adjustable) wrench for securing the cable line to the modem
- A screwdriver, pushpins, and screws (for optional wall-mounting). The screw heads should be at least 0.2" (5mm) in diameter for them to be properly captured in the slot. If you are using wood screws, use #6 pan heads or equivalent.

PN 1.024.1970-00

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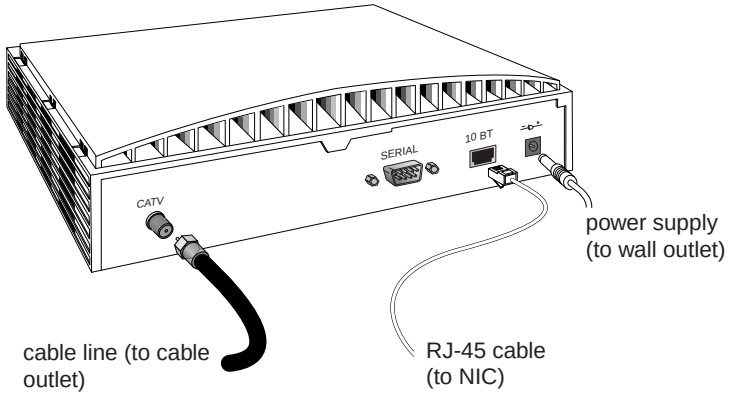
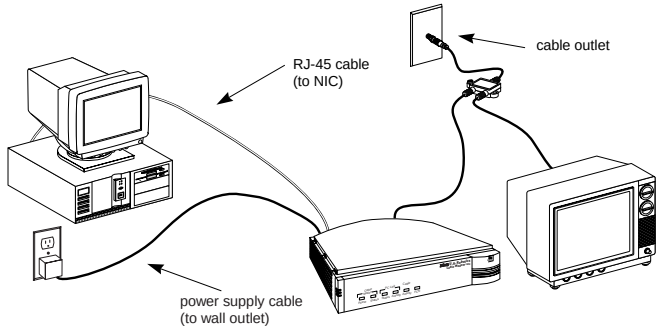
Hardware Installation

1. **Contact your local cable company.** They can help you establish a cable Internet access account and install a cable access outlet in the room where your computer is located.
2. **Prepare your workspace.** If you are planning to wall-mount your cable modem, see page 11 in the *User's Guide & Reference* or the perforated card that is part of this *Installation Guide*. Otherwise, prepare to use your cable modem by performing the following steps:
   - Position your computer near your cable outlet.
     - If you plan to install the modem on your desktop, attach the rubber feet to the bottom of the modem (see page 13 in the *User's Guide & Reference* for details).
     - If you plan to wall-mount the modem, you will need the mounting template included as the last page of this guide (see page 11 in the *User's Guide & Reference* for more information)
     - If you plan to stack the modem on top of 3Com OfficeConnect® products, you will need the stacking clips included with your modem (see page 13 in the *User's Guide & Reference* for more information)
   - Place the modem where it will be near your computer and the cable outlet, leaving plenty of room to guide the cables away from the modem without crimping the cables.
   - The modem should have access to constant airflow.
   - Do not stack anything on top of the modem (see page 13 in the *User's Guide & Reference* for information on stacking the cable modem on top of 3Com OfficeConnect products).
   - The temperature where the cable modem will be located should be within 0 and 40°C (32 and 104°F). Relative humidity should be between 5 and 95%, non-condensing.
3. **Verify your computer is set up for networking.** Windows users should install the TCP/IP protocol and Mac users should verify that networking support is installed. The cable modem requires your computer to have an RJ-45 Ethernet interface and TCP/IP installed. See the "Before Your Begin" section in the *User's Guide & Reference* for more information.

4. **Connect your cable modem to your computer and the cable line.** Use the diagrams below as a guide. See the section titled "Cable Modem Hardware Installation" in the *User's Guide & Reference* for detailed instructions.
5. **Power up the cable modem.** Plug the cable modem power supply into a wall outlet. After your cable modem completes start up and initialization (both the Cable modem Power and Cable modem Status LEDs are lighted solid green), power up your computer, launch your Web browser and experience the Internet at blazing speeds using your new U.S. Robotics Cable Modem CMX!



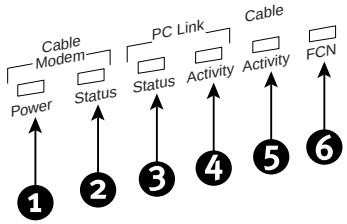


Installing the Cable *Connections* CD-ROM

Although you do not need to install the included Cable *Connections* CD-ROM to use your Cable Modem CMX, you will want to discover the valuable free software products and Internet service provider offers included on the CD-ROM. To install Cable *Connections*, follow the instructions inside the CD's jacket or on the CD-ROM itself.

Cable Modem Operation

Once your cable modem is properly installed and power supply is connected to AC power, it should automatically scan for the active cable modem channel from your cable company's server. Once the front panel LEDs indicate the modem is connected to the server, all you need to do is launch your Internet or e-mail software and you're ready to work online. Here's a quick overview of the LED lights on the front panel of your modem and what they can tell you about the performance of your modem and the condition of your connection.



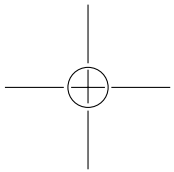
1. **Cable Modem Power** - Indicates power is applied to the cable modem. This light is solid green when the modem is on.
2. **Cable Modem Status** - When this LED is solid green, the modem has completed initial communications with the cable company server and is functional. If it is blinking, the modem is still starting up. If this LED never stops blinking, you may be using the wrong power supply or the modem may require service.
3. **PC Link Status** - Indicates that the cable modem is connected to the Ethernet card in your computer. This light is solid green when this link is established.
4. **PC Link Activity** - Indicates that data is being transmitted to or from your PC over the Ethernet port. Flashing orange indicates traffic. This LED should blink when data is being transmitted or received over the Ethernet port.
5. **Cable Activity** - Indicates that data is being transmitted to or from your cable company over the RF (cable) port. Flashing orange indicates traffic.
6. **FCN** - Individual cable operators determine the function of this LED.

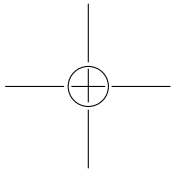
INSTRUCTIONS FOR WALL-MOUNTING THE CABLE MODEM

Wall-mounting Template

See other side for basic instructions.

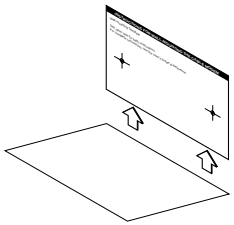
For complete instructions, see the *User's Guide & Reference*.



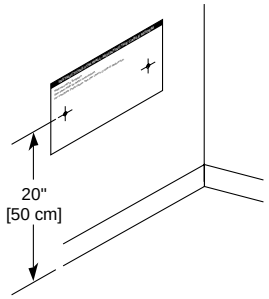


INSTRUCTIONS FOR WALL-MOUNTING THE CABLE MODEM

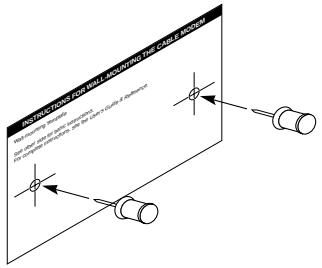
1. Remove this template from this *Installation Guide*.



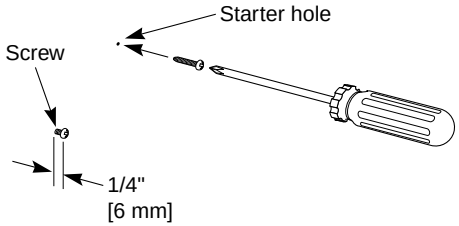
2. Place the template at least 20" (50 cm) above and parallel to the floor.



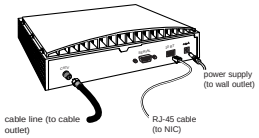
3. Insert pushpins into the cross hairs on the template.



4. Secure the screws in the starter holes, leaving at least 1/4" (6mm) clearance.



5. Attach the cables.



6. Fit the mounting holes over the screw heads and slide the unit down until it locks in place.